

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: Administrivia: Personal email on the list
Message-ID: <9510300645.aa07282@jackatak.theporch.com>

Gang-

There is an increasing trend to simply reply to the BA list when working out the details of a transaction.

While it is possible that your mailer strips headers off the submissions before you get to read and respond, please ask your system administrator how to reply to the "Reply-To:" person in the RFC822 header.

If you are told that there is no way to do that, please switch providers and let me know so I can change your address. It feels like eavesdropping to be reading about how much is offered for a transaction.

Once you see something you need, want, or have to sell or trade, keep the email private and off the list, PLEASE. It feels rude to have folks discussing details in front of a crowd of 700.

And, since many emailers are brain-dead and do not show you the submitter's address, it would sure help if everyone added their email address to their ".sig" block to make it easier on everyone.

Accidents will happen, and are usually forgiven, but there seems to be a growing trend, and I would like to stop it before people think it is normal.

PLEASE, keep transaction details and personal email, personal... and off the BoatAnchors list.

Thanks for your help.

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com-"Plus ca change, plus c'est la meme chose"

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: howellh@acad.winthrop.edu
Subject: Another Roundtoit
Message-ID: <95103007483479@acad.winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message
Date: 29-Oct-1995 10:00pm EDT
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: Another "Roundtoit"

This weekend's project turned out to be the Eico 720/730 combo. Changed a couple of the caps in both and alas, decent sounding audio coming out of the speaker. Only problem... can't located my only 3885 rock and think the folks on 3845 who consider that sacred turf would bomb the house.

Does anyone have, or know the whereabouts, of the companion VFO? Can't remember the nomenclature on that one.

Managed to bring 75 and 20 meters back to life on the HQ-170 - for about a weeek, but when I started to recase the beast I discovered they'd gone South (or further South) once again. Any thoughts?

Finally, spent an hour digging through a strange, but fascinating, collection of BA stuff. The shop bench of an old ham. Several BA military television cameras, a highly modified something 69 transmitter with a stripped power supply. Only a couple of big boxes were interesting, but the little stuff wwas fascinating. Several hundred tubes, old magazines and a couple of J-38 keys. I've put in a bid.

Haney no2n howellh@winthrop.edu

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: MEC <danmec@inet.uni-c.dk>

Subject: ANY ACTION IN CALIFORNIA NEXT WEEKEND?

Message-ID: <Pine.3.89.9510300953.A2982-0100000@inet.uni-c.dk>

Yours truly will be going to SF on the 5 November to attend the WESCON show, which opens on Tuesday next week.

Is there any fleamarket/auctions etc the coming weekend in the SF area ?

73 Rag 0Z8R0

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: dgf@netcom.com (David Feldman)
Subject: Any Drakes use 12JB6 finals?
Message-ID: <199510301546.HAA29296@netcom18.netcom.com>

Going thru my junkbox I found that I had bought three 12JB6's back in 1979. I'm not sure what I was going to do with them, and it seems that all of my current Drake gear use 6JB6's. Are 12JB6's used in any types of Drake equipment?

73 Dave WB0GAZ dgf@netcom.com

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: aculbert@pps1-po.phyp.uiowa.edu
Subject: BA SIGHTINGS
Message-ID: <199510301354.HAA14511@ns-mx.uiowa.edu>

Attended the Des Moines, Iowa hamfest on Sunday, October 29 and was pleased at the number of BAs sighted. Facility was spacious and heated with plenty of parking too.

COLLINS
75S-3 \$200 Sold
Speaker for 75A-4 \$50 Sold

DRAKE
1-A \$100 Sold
R-4A / T-4X no speaker manual or PS \$150 sold
Several TR-4 and TR-4Cs w/ MS-4 and AC-4 \$150 to \$325
MN-4 \$40 sold
R-4B / T-4XB w/ AC-4 and MS-4 and xtra xtals very nice \$275
MN-2000 w/ manual \$130 Sold

HEATH
TX-1 (Apache) rough and no manual \$150 not sold
HW-100 \$50 sold
DX-40 w/ manual copy \$45 Sold
SB-221 \$375
SB-220 Sold
SB-104 complete station as a package only

ECHOPHONE

EC-1 nice w/ original manual

ELMAC

AF-67 w/ AC ps & original manual

KNIGHT

TR-106 w/ V-107 VFO rough \$45

JOHNSON

Viking II w/ 122 VFO and original manuals very nice \$130 Sold
KW Matchbox w/ SWR \$150 Sold (missed it, Damn!!)

HAMMARLUND

HQ-170A Fair \$125 Sold

HALLICRAFTERS

S-20R \$55

SX-16 w/ matching speaker \$150 Sold

SX-122 no calibrator, dirty and broken dial cord \$70

SX-100 w/ matching speaker \$150 sold

HT-37 w/ SX-117 and matching speaker as a set ONLY \$200 Not sold

MILITARY

ART-13 complete \$100 NOT Sold

3 command receivers in a rack \$40

Several ARC-5 transmitters in various conditions \$8 to \$20

MISC.

New Penta 4-400 tubes @ \$40

TEK 541A \$50

Millen monitor scope \$25

Scads of old firebottles

Box of National, Hammarlund, & B&W plug in coils \$5 (followed me home)

B&W 600A Grid dip \$30

Almost NO computer stuff HOORAY!!

All in all quite a selection.

73, Al, KOAL

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: "Cal J. Eustaquio" <ceustaqu@violin.aix.calpoly.edu>

Subject: BA's for sale

Message-ID: <Pine.A32.3.91.951030042955.1572C-100000@violin.aix.calpoly.edu>

Reducing my "inventory" to reduce my bills.

The following items are for sale-

EF Johnson

Challenger. Good power out. Audio unchecked. \$65.

Courier Amp. Replaced filter choke w/ P.Dahl replacement. Excellent condition. Some scratches on edge of front panel. Cabinet refinished lighter maroon powdercoat. Checked last year. \$350.

Ranger 1. Powdercoated cabinet (like Courier). Checked on all bands for power out and mod. Good condition. \$185.

Hallicrafters:

SX-122 w/ homebrew calibrator (see ER), powdercoated cabinet and like new R-47 speaker \$225.

Central Electronics 200V. Excellent cosmetic condition. Internal relay changed out to replace original (old one was bad). Cabinet powdercoated grey (near match for original). \$350.

Contact me via this e-mail address. Shipping and packing extra.

73's. Cal, N6KYR.

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: "Jack Giehl" <JACKG@s1.xetron.com>

Subject: Re: bad cap kills R-390A / 75A-4 filters

Message-ID: <C348863FB@s1.xetron.com>

Dear BA Enthusiasts,

Sandy Knepper said:

> Early 75A-4s had the low voltage passing through the mechanical filters.

> The solution, of course, was to use coupling capacitors. Collins > modified units shortly after production. See technical notes on the > 75A-4 in the October issue of the Collins Journal.

Rather than waste your money on the Collins Journal, e-mail me and I will send you the changes for FREE!

Jack

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: dsnowden@ccd.harris.com (Doug Snowden)

Subject: Cleaning Shack

Message-ID: <9510301456.AA101415@rs2.ccd.harris.com>

I have a few things I don't need. I am susceptable to trade for something like a good 4-1000 or 3-1000 or 3-500 tubes.

2 each 4B32 solid state replacement rectifiers. Unused. \$10.00

1 each Drake T4X transmitter. Mint (or close to it) condition, no power supply. This looks like it was just removed from the box. I don't know how this has stayed this nice this long. Original Manual. This was from a recent trade I made. I haven't applied power, but it sure looks nice. Best offer (what's it worth?).

3 each 813 tubes. 2 NOS RCA, 1 used GE. Not in original boxes. \$50.00

1 each Jennings fixed vacuum capacitor - 20kv @ 100pf. Unused. \$15.00

1 each set of Kirk Delta Loop hardware for a 2 element delta loop beam. This is cast aluminum hardware. 1 boom to mast (3 inch boom) and 2 boom to element assemblies. Heavy duty. Never used. Been in the antenna hardware box for years. \$40.00

1 each HyGain TH3 antenna. Local only (Florida), no ship. I got this from a guy that stored it in his garage and never installed it. I put it together and used it for field day and that's it. \$100.00
The aluminum is still shiny

1 each B&W FC30 filament choke. Used, \$20.00

Doug, N4IJ dsnowden@ccd.harris.com home: (407) 984-9360

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>

Subject: RE:Collins Mech Filters, Yes

Message-ID: <3094DF9B@smtppgat.rfc.comm.harris.com>

Is anyone aware of any surplus mechanical filters readily available that are .5 kHz or narrower ? I don't care what the center freq is.

TNX, de Bob, K9EUI

++++++

Bob, Sri for the Bandwidth, but you didn't put your e-mail Adr in text and my headers are stripped off.

I have collins mech filters in 300 Hz, 1.0 KHz and 6 KHz with CF of 455 KHz. New, removed from unused

equipment. Ur adr brings data sheet. They are \$25 each. Ed Gable, 187 Lighthouse Rd Hilton NY 14468
emg@rfc.comm.harris.com

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: bill.sorsby@dlepl.itg.ti.com (Bill Sorsby)
Subject: First Solid-State Rigs?
Message-ID: <199510301447.IAA00315@dlepl.itg.ti.com>

I hope this is not offensive to anyone on BoatAnchors, but what was the first solid state rig? (i.e., beginning of end for BoatAnchor era) Has anyone documented the initial solid-state stuff?

I acquired a SideBand Engineers SB-34 this weekend which is in excellent condition. I know this rig ranks as one of the first solid state rigs. Unfortunately, the advent of the SBE gear in the early '60's coincides with my initial interest in ham radio so I don't have the history to work with that some of you have.

The SB-34 has been on my want list for a few months and it turns out to be a more interesting rig than expected. It even uses a number of germanium devices.
Regards,
Bill Sorsby, N5BU bill.sorsby@dlepl.itg.ti.com
(once-upon-a-time WA5OLN)

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: First Solid-State Rigs?
Message-ID: <Pine.ULT.3.91.951030102715.10235A-100000@admin.aurora.edu>

On Mon, 30 Oct 1995, Bill Sorsby wrote:

>
> I hope this is not offensive to anyone on BoatAnchors, but what was the
> first solid state rig? (i.e., beginning of end for BoatAnchor era) Has
> anyone documented the initial solid-state stuff?
>
> I acquired a SideBand Engineers SB-34 this weekend which is in excellent
> condition.

There was a SB-33 that preceeded that rig. If I remember correctly, it was all germanium transistors except for tube finals (and maybe driver).

Bob, K9EUI

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: Steve Ellington <n4lq@iglou.com>

Subject: FS:variable voltage ac supply

Message-ID: <Pine.SOL.3.91.951030083432.3686A-100000@iglou>

> This makes BA repair safer. It's a nice looking piece of test equipment
> manufactured by Mallory. Measures about 8x6x6". Front panel has the
> following:
>
> Meter 0 to 130V
> 4pos switch for either isolation or common line mode
> off-on
> fuse
> 2 output terminals for 0-20vac @ 10 amps
> adjustment knob to vary voltage
> 1 pair of household ac outlets 90-130vac variable and isolated to 1200 watts.
> Tested and works. Case and front panel in very good condition.
> \$50 obo.
>
> Steve Ellington N4LQ@IGLOU.COM Louisville, Ky
>
>

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Ft. Wayne Hamfest/November

Message-ID: <Pine.3.89.9510300727.F19530-0100000@unixs7.cis.pitt.edu>

Can anyone tell me about the Fort Wayne Hamfest. I believe that it is a very large hamfest all indoors. In terms of size how large is it compared to say Dayton or Gaithersburg?

Dave, W3BJZ

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: rmccarty@deltanet.com (Roger A. McCarty)

Subject: Re: Galaxy GT-550

Message-ID: <rmccarty.113.1980405E@deltanet.com>

In article Rick Blank <rblank@legend.txdirect.net> writes:

>Since you have rebuilt a bunch of the GT-550's, Roger, I need to ask you
>a favor...I need the pinout of the GT's power supply...I have one, but have
>gotten rid of all the other Galaxy stuff I had and would like to use this supply
>with a KWM-2A that I have without a power supply...I have the 11-pin socket
>all ready for the Collins, just have no info left on the Galaxy power supply.

>Thanks & 73

>

>Rick Blank, KI5SL rblank@txdirect.net
>2223 Blanco Road KI5SL@K3WGF.STX.USA.NOAM
>San Antonio, Texas 78212 AMSAT NA#26195

Rick,

Ok Rick, I'll get that to you tomorrow.

Roger KD6CC

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: aa4rm%amos.UUCP@mathcs.emory.edu (Marty)

Subject: Re: Galaxy GT-550

Message-ID: <9510301022.AA16020@amos.YP.mystnite>

A big problem with these was the rivets to hold the final sockets in place. The socket retainers had solder lugs to which a couple of RF ground returns were made. With time an oxide boundary developed around same rivets and PA performance went completely nutso.

Solution: Take a big iron and solder those socket retainer rings to the chassis and stop the endless parts substitution litany of getting one of these hulking (550w PEP on 75) midgets back on the air.

Best 2 all,

Marty

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: "Gary H. Harmon, Jr." <gharmon@legend.txdirect.net>

Subject: Heathkit IT-12 Sig Gen Probe Wanted

Message-ID: <9510300536.AA11836@legend>

I am in need of a probe for the Heathkit IT-12 signal generator. It looks like a basic Heath RF probe, i.e., Silver body with red bottom and black top. It has a switch in the body labeled AUDIO/RF. Anyone have one laying around gathering dust. Please let me know and much thanks. 73,

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net
6302 Robin Forest K5JWK@K3WGF.STX.USA.NOAM
San Antonio, TX 78239

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: Hickock Signal Generator project

Message-ID: <199510300722.BAA20118@zoom.bga.com>

Well, the saga of the Hickock signal generator continues. I swapped some manuals for a copy of the actual manual for it with Sheldon Wheaton, and he sent me one of the most beautiful copies of anything I've seen.

But this whole exercise of getting that thing working leaves me with the strong impression that Hickock may have made good toob testers. But when it comes to signal generators and oscilloscopes, forget it. If this generator didn't have a bimodal 100Khz/1Mhz crystal in it, I'd part it out.

The manual is dated 12-54, and I dated enough original components to 3-48 that it's obvious my box is several years older. I weaved my way through the wiring errors that were built in the box, and the schematic errors on the schematic, to get the thing back together again. Turns out that I'd guessed correctly on the original configuration in the areas that had been modified. But there was a bypass capacitor that was connected from B+ to B+, that was supposed to go to ground, and there was a 1K resistor installed across a pot that was supposed to be 180 ohms---value verified under test. Also, my box has about six decoupling resistors that are not shown on the schematic, or were much larger values. That bit of "dollar engineering" I didn't change. One very basic problem was a 3K pot that had drifted all the way to 10K. The parts list made it clear that there were two of these used in different places. The other one was 3K, and both were marked identically.

Once I got the thing working, and verified that it would calibrate, I decided to do something about the el-cheapo 3-12 pf. trimmers on the

three highest bands. These adjustments are much too twitchy, and drift all over the place. I replaced them with 1.5-7 pf. caps from a junk Tek K plug-in. So now we are using Tek parts to make Hickock signal generators work, along with the scopes. To see if the 1.5-7 had enough range, on each band, I first set the old 3-12 as close as possible, then unsoldered it and checked where it was set, using the 250A RX bridge. This allowed me to test at the actual frequency the cap was seeing. I had to shunt one of them with a 4.7 pf. cap, also purloined from Tek. Interestingly, setting the caps on the 250A, then soldering them in, they were right on the money---no tweaking needed. A little resistor trimming, and the the meter and "calibrated" microvolts pot and attenuator now are somewhere near accurate. The resistor trimming bit is a time-honored method for using cheap resistors as accurate calibrated resistors. The method is simple: just put in the next higher value, measure the results, and shunt across the thing with high value resistors until you get the closest one, then solder that one in. Some people seem to think that spells "cheap." It is, of course, inexpensive, because you don't have to run around chasing down strange value precision resistors. But it is much more stable than using a pot, and you can get closer than 1% without a lot of work. Far from being "cheap," it is a method used in a lot of fancy laboratory standards stuff.

Of course, all of this is "modifications." I replaced the Switchcraft mike connector with a BNC some time ago. It mounted right in the panel hole, but I had to drill a small hole in a casting on the attenuator. I suppose that will "destroy its value." However, it does make it a lot easier to use. And, no doubt, all those trimmer cap changes and trimmed resistors, which aren't on the schematic, either, are modifications. For that matter, correcting the component and wiring errors are modifications. After all, those were installed by the factory. And I didn't rip out all the decoupling to make it agree with the schematic. The thing leaks enough signal as it is, and it is getting a serious LC filter at the power cord. The original was a pair of quarter mike wax paper condensers to ground from either side of the 2-wire power cord. That made the chassis hot enough to light a small bulb.

Is all of this worth it? Well, it isn't going to make a lab quality generator out of it. The Hickock specs in the manual are a laugh-a-minute. They claim 1% dial accuracy across the board. No tolerance given for the output levels or the meter. One basic design flaw can't be fixed easily, and that is the change in loading and source impedance between the oscillator output and the supposedly calibrated step attenuator and pot. I would have had to use a multiple pot in a pad circuit, and there isn't space to mount one. You can improve things with quality components and judicious tweaking, but if you are starting with a cheap piece of junk, you are not suddenly going

to get a cal-lab precision device out of it.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: "R. Dennis Gibbs" <dgibbs@rational.com>

Subject: RE: History Snoop, R-390A

Message-ID: <Chameleon.4.01.951030094244.dgibbs@>

I've often thought of this topic as well.

It seems to me that perhaps the best way to get started on this would be to track down the contract number that appears on the tag on the front panel.

If you can find out the government agency that procured your specific R390A, this should give clues as to places to look for the complete history of your unit.

The only problem is, I have no idea *where* to look, given a contract number, how to find out who the procuring agency was.

Dennis

>Bill VanAlstyne has a good point about a Govt record of
>transactions. I have done some snooping, and came upon a term
>for a database (the name escapes me this moment) which held
>the vendors of particular gear. When I posted a query about this
>database here on BA, I got busted by a couple of volunteer
>"topic police". Don't know exactly why they were ticked off about
>tracking down BA history. Anyway, I've got a lot of behind left for them
>to chew one, so at risk of getting busted again, is there
>anyone out there in BA land who knows of this Govt records base
>which is used to record vendors for materials.
>
>73 de tom
>

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995

From: Sandra L Knepper <slkst29+@pitt.edu>

Subject: Kudos to all boatanchors

Message-ID: <Pine.3.89.9510300758.G19530-0100000@unixs7.cis.pitt.edu>

Many contemporary writers are appalled at the apparent scarcity of writing today. Having taught high school English courses for 16 years, I know that most youth "hate" writing with a passion except graffiti on bathroom walls. However, my observation these past several months on Boatanchors lead me to conclude that writing is not a dead form of communications. In my opinion, I believe that one of the secondary benefits of computers, specifically, E-Mail, is that we are polishing our writing skills and exposing our latent creative abilities. skills

Reading many posts as I do, I would have to admit that I proud to report that many posts deserve an "A" grade. Congradulations!

Dave, W3BJZ

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: Steve Ellington <n4lq@iglou.com>
Subject: Re: Kudos to all boatanchors
Message-ID: <Pine.SOL.3.91.951030082200.1726A-100000@iglou>

>
> Reading many posts as I do, I would have to admit that I proud to
> report that many posts deserve an "A" grade. Congradulations!

Thanks, I new we was good. Is kudos a ackronim or marshall art?

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: jmartin@hrlban1.aircrew.asu.edu
Subject: Luminescent paint source
Message-ID: <SA39+XWDZka@hrlban1.alhra.af.mil>

If anyone needs luminescent paint for restoring meters or dial/panel markings on BAs, I've found a company called 'Banaire' in Banning, CA that carries small cans of it. (They call it 'phosphorescent' paint. I honestly don't know if it glows on its own, or fluoresces under UV light.) It's military surplus, non-radioactive, and I believe it's the stuff used on aircraft gauges. Half a pint costs \$16.95. They also sell mil-surplus plastic polishing compound for 'taking out' scratches on plastic windscreens and canopies of

aircraft, which might be useful for meter covers. FWIW.
73, John Martin
jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: National SW-3
Message-ID: <199510301501.HAA14868@ix3.ix.netcom.com>

Hi Gang:

Thought I'd pass along the status of a project I've been working on here and there for a bit (interrupted by the early arrival of a new addition to our family - she's kinda sidetracked the BA efforts a bit). The NAtional SW-3 is back in playing order. Surprisingly, the caps were all OK, but I did replace one 0.5-0.5 mfd anyway. I replaced the tubes, corrected the wiring, and am listening to 40 meters. I have the 40 and 80 meter coils for the ACSW-3 (anyone have any other 60-70 series coils they would like to see find a new home?). What a learning experience this has been! I had never gotten inside regens before... Thanks to all who supplied information, especially about the power supply. Yes, the doghouse is working fine.

Now, since the radio plays, it is time to finish off the restoration. I found the 12,000 tapped wire wound resistor/voltage divider bad, and am looking for a replacement. To check everything else, I used discrete resistors for the plate and grid bias resistors - fine for testing, but I would like to find a replacement for the wire wound. Also, I need some knobs. The main tuning knob is intact, but the other two are missing. Any help?

Thanks again to the list for the help on this project.

John
N0GII

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: HAMRLUND@aol.com
Subject: need a meter?
Message-ID: <951030083004_93053629@mail06.mail.aol.com>

have the following to dispose of.

\$4 each + shipping

(number groups, will indicate matching, i.e. all 1/'s would match & so on)
fs= full scale (#) indicate quantity, when only 1, nothing displayed

4.5 x 4.0" fs = 500 ua dc
4.5 x 4.0 0-5vrms & 0-100 madc
1/ 4.5 x 4.0 0-150 vac simpson
1/ 4.5 x 4.0 0-50 a ac simpson
1/ 3.125 x 3.25 0-100 & 0-200 dcma simpson/ dual scale mod'd by ram meter
3.5 dia. 0-800 vdc
2/ 3.25 dia. 0-50 dcma weston (4)
2/ 3.25 dia. 0-200 dcma weston
4/ 2.25 x 2.25 0-1dcma simpson
4/ 2.25 x 2.25 0-15 dcma simpson
4/ 2.25 x 2.25 0-500 dcma simpson
1.75 x 1.75 0-12 dca
3.0 x 3.0 0-50 dcma triplet
3/ 3.5 dia. 0-15 vac (3)
2.5 dia. 0-8 RFamps ge
3.5 x 3.5 0-15 RFamps ge
3/ 3.5 dia. 0-10 RFamps (2)
3/ 3.5 dia 0-300 vdc
3/ 3.5 dia 0-100 dcma
3/ 3.5 dia 0-4 kvdc
3.5 dia 0-10 dcma
3.5 dia. 0-8000 (says ' power output units') ?
3.5 dia 0-15 vac
3.5 dia 0-500 dcma
3.5 dia 0-1 dcma simpson
3.5 dia 0-200 dcma weston
3.5 dia 0-100 dcma
3.5 dia 40-0-40 ma weston (5) NIB's
3.5 x 3.5 0-10 vac simpson
5/ 3.5 x 3.5 0-1000 vdc (2)
3.5 dia. 0-100 dcma simpson
2.5 dia. 0-10 dcma weston
4.5 dia. 26-30, 135-145, 145-155, 290-310 vdc Voltron
3.5 x 3.0 0-100 dcma Triplet new

CONTACT: Robert Fowle.....Hamrlund@aol.com

Ph.517-789-6721.....

1215 Winifred....Jackson, Mich. 49202-1946

| |
---|---|---> The HAMMARLUND Historian
| |

Historical Information -- Manuals -- Technical Material

I'm looking for anything by HAMMARLUND:

literature -----> spec sheets, sales flyers, sales catalogs
files -----> from: factory, service stations, authorized dealers
manuals -----> factory or military
accessories ----> speakers, clocks, xtals, xtal boxes, anything
face plates-----> for sp-200/400/600 series' recievers

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: R-390A history, etc. (CAGE)
Message-ID: <Pine.SUN.3.91.951030075028.20360B-100000@coyote.rain.org>

"CAGE" = Commercial and Government Entity

The Defense Logistics Agency publishes this document as CATALOGING HANDBOOK H4/H8 COMMERCIAL AND GOVERNMENT ENTITY (CAGE). This may be restricted distribution for the usual weird beaurocratic reasons. I know that it was still in microfiche form as late as the end of 1990, and believe this continued to be so for at least one or two years more. It is possible that later publications were on CD-ROM, as many government documents have moved to that format.

Another possibility is FedLog, the Federal Logistics Data on Compact Disk-Read Only Memory (CD-ROM). Data includes Federal Logistics Information System (FLIS), Air Force Unique Data, Army Unique data, Navy Unique Data. Published from Defense Logistics Services Center, 74 Washington Ave. N, Battle Creek, MI 49017-3084. Low probability of finding this one, as it is FOUO (For Official Use Only) due to the fact that it contains commercial data to which the Government only has certain limited rights. Thus, government users are required to destroy old

copies when superseded.

Someone else mentioned DODISS, which I believe to be similar to FedLog in content, but don't have and real information. (I've seen it in operation, but just don't remember any specifics.)

73.....Ray, W6RIC <rmote@rain.org>

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: "Jack Giehl" <JACKG@s1.xetron.com>
Subject: R-390A new vfo from Fair
Message-ID: <E0A3959A6@s1.xetron.com>

Greetings BA enthusiasts,

Friday I drove to Fair radio in Lima, Ohio. I bought a government reconditioned main vfo sealed in the bag for \$45 that was refurbished in 1984. Fair says that when you buy one of these, there is no choice in manufacturer. After opening the box and unsealing the bag, I looked in to see a mint COSMOS vfo!

The vfo has a tag on it saying that it is preset for +000 on the mechanical readout, so installation and calibration is simple. I let it warm up with the ovens on for a couple of hours. At first, it jumped in frequency a little when fine tuning, but only for a few minutes. The calibration as it came out of the box is excellent, within 100 cycles at all 100kc points.

In an earlier post, I questioned the quality of the Cosmos vfo. I think I am now eating (happily) my words from that post. This is a very good quality vfo, and at the price, a real bargain.

Jack

73,

=====

Jack, WB8BFS
jackg@xetron.com Loveland, Ohio (near Cincinnati)

=====

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: ejz@nosc.mil (Edward J. Zeranski)
Subject: Re: Some people have no idea.....
Message-ID: <9510301609.AA23096@manta.nosc.mil>

>a R-390 in the back. I asked him what he wanted for it. "I got it from
>a garage sale and I don't use it", he said. "The tuning is very stiff," he
>added. "I just want to get rid of it!"
>
>I made him an offer which he accepted, then he loaded it into the back seat
>of my car, despite Cynthia's disapproving glances. After he'd gone I looked
>at the R-390 and noticed that the dial lock was engaged.
>
>Price: \$25.00
>
>Michael Crestohl, KH6KD/W1
>mc@shore.net
>
>Congrats!!!! My R390A was a similar find. After a no luck day at
the Santee swapmeet I went home emptyhanded then called Guiness to report
the rare experience. Layer that day I passed a yardsale while on the way to
return some video tapes. There was an R390A on a TV tray right in the middle
of the other stuff. The brakes on the pickup locked and I made a quick pass
of the other items then asked "How much for the Radio?" The seller asked if
\$30 was ok. He said he was moving again and the damn thing was to heavy to
haul around, he didnt know if it worked or remember wher he picked it up.
EAC #237, 1960 contract, went to its new home. The meters and covers were
there and the set was CLEAN! When I got it home I gave it a quick once-over
plugged it in and hooed up about 30ft of #20 for an antenna. BC band worked
and the WWV's were all there. Its nice to win one once in a while.

Ed Zeranski ejz@marlin.nosc.mil, work

ezeran@powergrid.electriciti.com, home

Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No
person, employer, or govt. should try to take credit for it!

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: "Charles Solie" <SOLIE@psl.nmsu.edu>
Subject: Subject: Gates 20 kW transmitter
Message-ID: <DA4D591A4F@aanovell.psl.nmsu.edu>

Subject: Gates 20 kW transmitter

I need to buy or copy a book on a Gates 20,000 watt linear.

Will pay any reasonable price.

HFL20000Z

SN 75272

M6534
Gates Harris Intertype Corp.

Charlie Solie

From boatanchors@theporch.com Mon Oct 30 16:31:00 1995
From: BILL088@aol.com
Subject: SX-73 B+ Fixed
Message-ID: <951030074831_78977743@mail06.mail.aol.com>

Just a note to let others know the problems with the SX-73 are solved. The problem with the power supply was the voltage divider resistors: R81 a 400 ohm, 4 watt resistor and R35 a 280 ohm, 15 watt resistor both had gone bad. The surface of both were questionable due to a small amount of pitting. They both checked about 30 meg-ohms each! I replaced with sandbox resistors and all is fine with the B+ now.

The rf gain pot, R83, a 5K 2.5 watt pot was also bad. This was the pot that was spitting fire. Upon prying open the story unfolds: somehow the black round carbon had snapped in two places which allowed the swiper to go underneath it and short everything out (which fried another resistor).

I have only done a quick and dirty alignment but the radio seems very sensitive. The four IF cans in the radio look exactly like collins and use the same alignment tool. Still looking for other owners for serial numbers-still trying to get a rough idea of how many were made. A big thanks goes to Andy Howard-WA4KCY for tech support.

73 BILL AC4LC